



2012 Urban Forest Management Plan Update

Freight Advisory Board

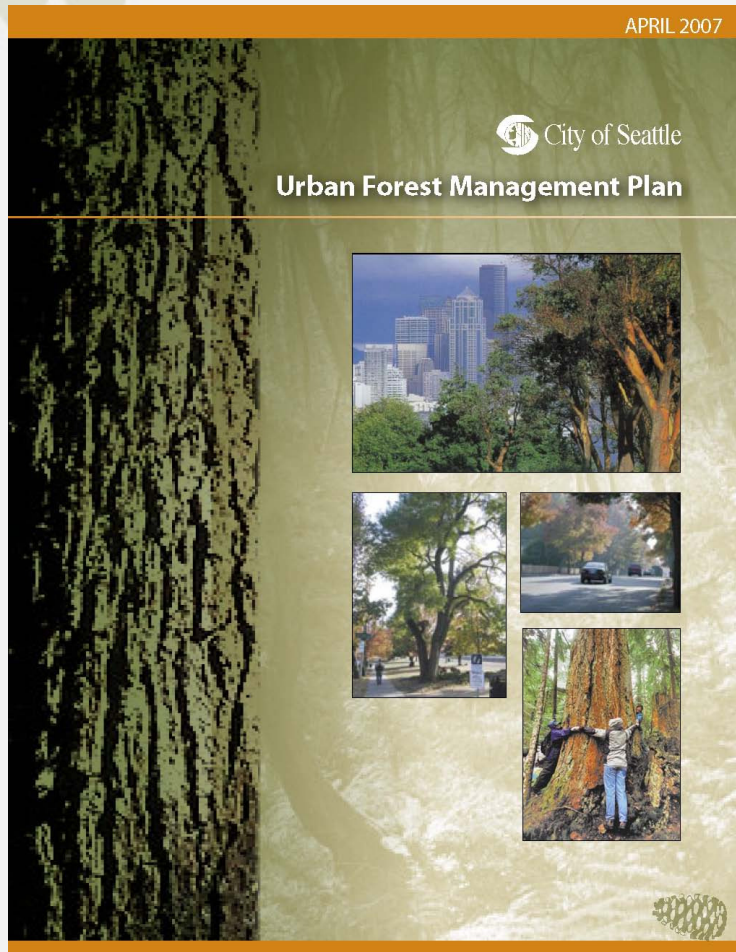
September 18, 2012

Seattle's urban forest goal



Seattle's urban forest is a thriving and sustainable mix of tree and understory species and ages that creates a contiguous and healthy ecosystem that is valued by the City and all Seattle residents as an essential environmental, economic, and community asset.

Urban Forest Management Plan



- Created in April 2007
- Being updated in 2012
- Establishes 30% citywide canopy goal
- Long-, mid-, and short-term strategies for achieving goals
- Implemented through annual workplans
- Managed via an inter-departmental team

What's new since 2007

- **Urban Forestry Commission created in 2009**
- **Created a new, permanent position in 2011 to manage Seattle reLeaf program**
 - Outreach and engagement
 - Trees for Neighborhoods – 2,300 trees to date
 - Tree Ambassador – 40 in 13 neighborhoods
 - Urban Orchards Stewards – 58 in 9 orchards

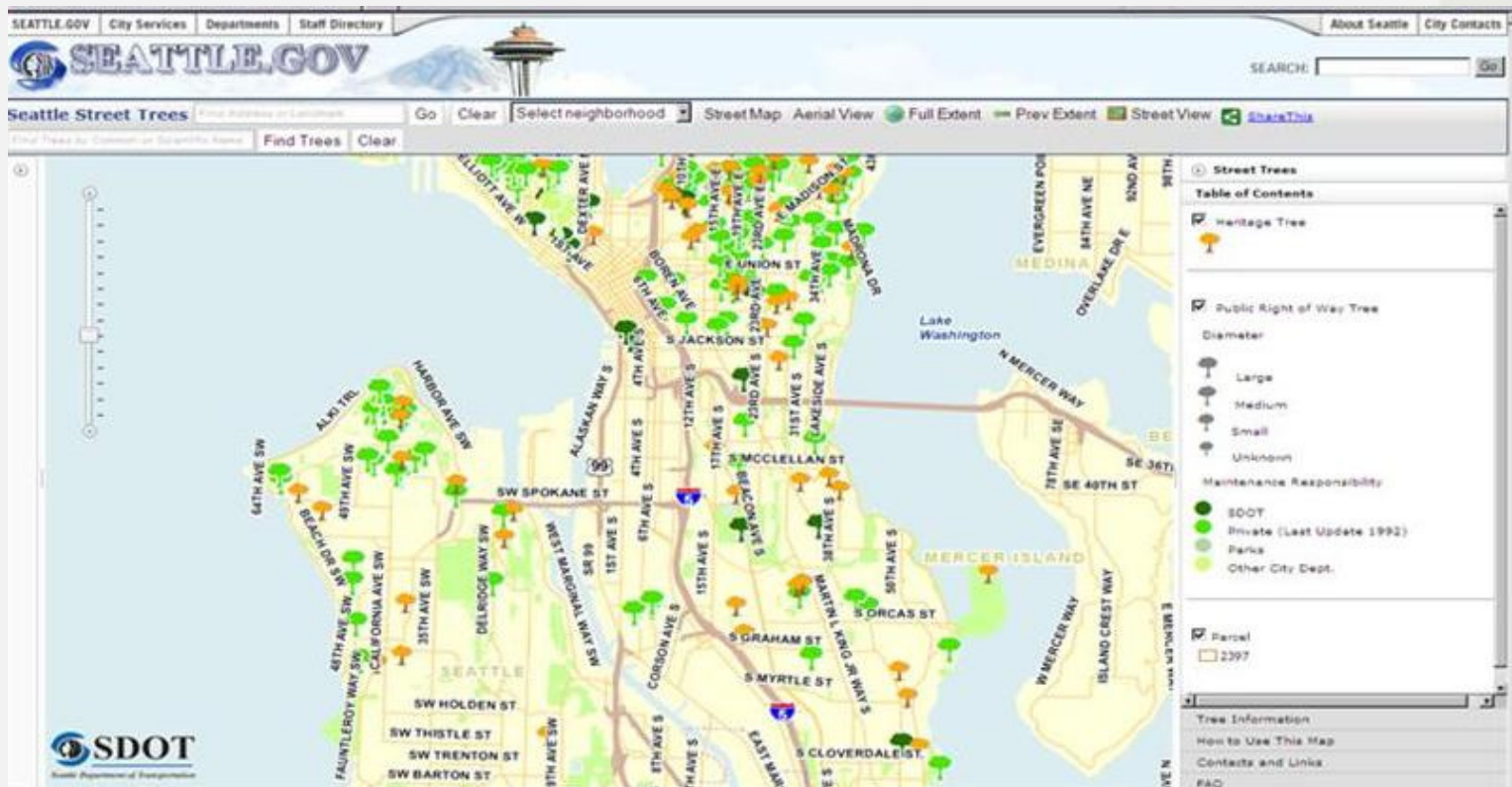


Seattle reLeaf
keep the emerald city green



What's new...

- **Seattle Department of Transportation:**
 - Street tree online map
 - Planted close to 4,500 trees with BTG funding
 - Street Tree ordinance and Manual update



What's new...

- **Parks and Recreation Department:**
 - Green Seattle Partnership:
 - Over 800 acres in restoration
 - Over 500,000 volunteer hours
 - 130 Forest Stewards

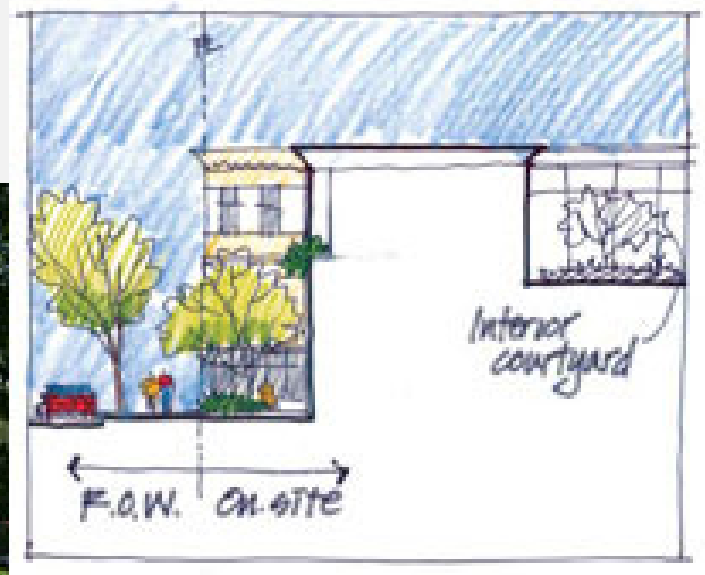
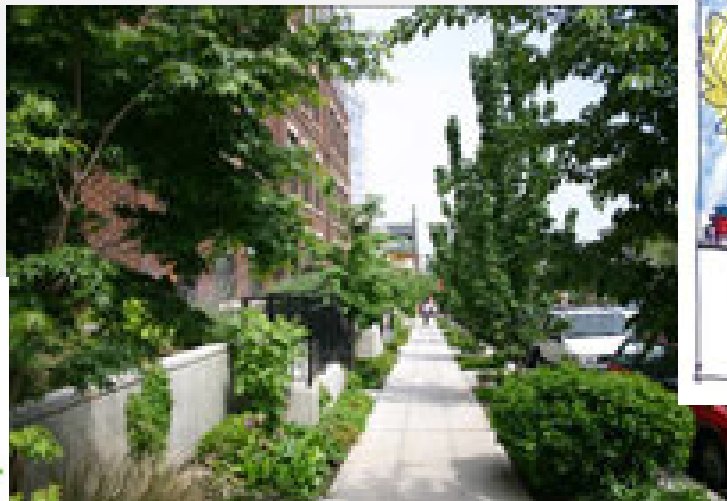


What's new...

- **Department of Planning and Development:**
 - GreenFactor
 - Stormwater regulations and rates (with SPU)
 - Private property tree regulations update

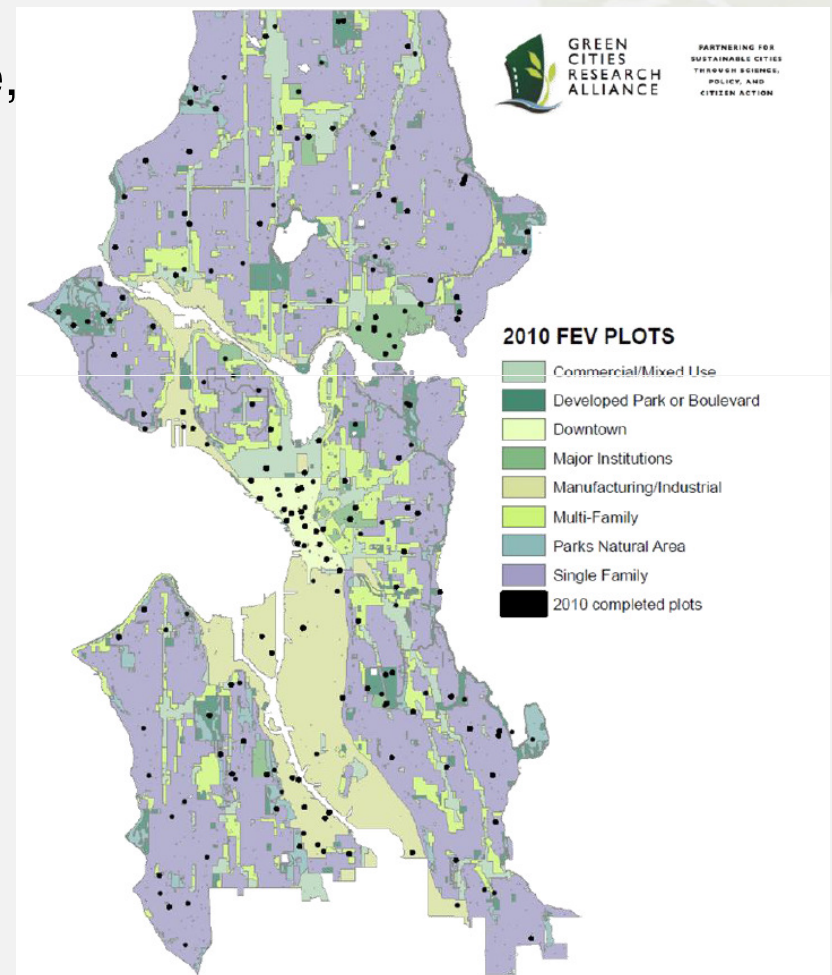


SEATTLE *green factor*



What's new...

- **iTree sampling survey**
 - UW, King County, City of Seattle, and Forterra
 - 2010/2011 data from 223 plots
 - Information included in UFMP update:
 - Condition
 - Evergreen/deciduous breakdown
 - Size
 - Invasive species



UFMP 2012 update

- Citywide canopy goal remains 30%
- Strategies remain the same. Focusing on outreach and engagement in residential areas
- Incorporated new urban forest condition information
- Updated Action Agenda
- Added Research Agenda



Canopy cover goals

Citywide goal is 30% by 2037

Land Use Category	UFMP 2037 Canopy Cover Goal
Commercial/ Mixed Use	15%
Developed Park	25%
Downtown	12%
Major Institution	20%
Industrial	10%
Multi-Family	20%
Parks Natural Area	80%
Single Family	33%

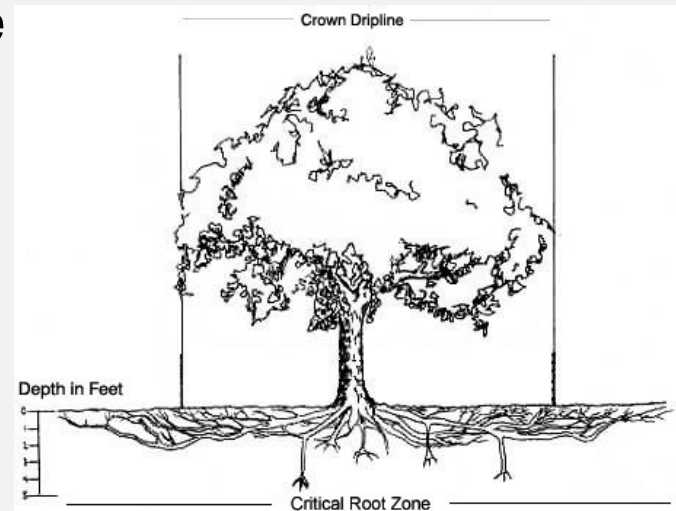
2012 update strategies

- Strategies remain the same but are reframed:
 - Understand
 - Coordinate
 - Preserve and restore
 - Regulate
 - Inspire, inform, and engage



Action Agenda

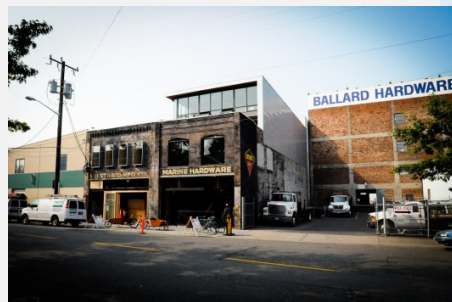
- Notable short-term actions:
 - Canopy cover assessments every five years
 - Continue two-for-one tree replacement
 - i-Tree data analysis
 - Tree planting potential data “ground-truthing”
 - Develop policy to prioritize expenditures
 - Explore expansion of tree planting incentives
 - Encourage right tree in the right place
 - Expand volunteer opportunities



Actions for industrial areas

The UFMP acknowledges unique challenges for increasing canopy cover in industrial areas due to freight mobility and other industrial operations needs

- Evaluate habitat corridor and waterways opportunities in industrial areas.
- Focus on maximizing canopy on Industrial Landscape Streets, riparian areas, and commercial properties.
- Work with private property owners and major public industrial operators to explore tree planting opportunities in industrial areas.



Research Agenda

- Life-cycle costs of deferred tree planting and maintenance
- Costs/benefits of different pruning cycles
- Monetizing urban forest benefits (i.e. public health, energy, climate change)
- Method to quantify stormwater and water quality benefits



UFMP update contact

Questions or comments
2012 Urban Forest Management Plan Update
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Public comment open through October 1, 2012